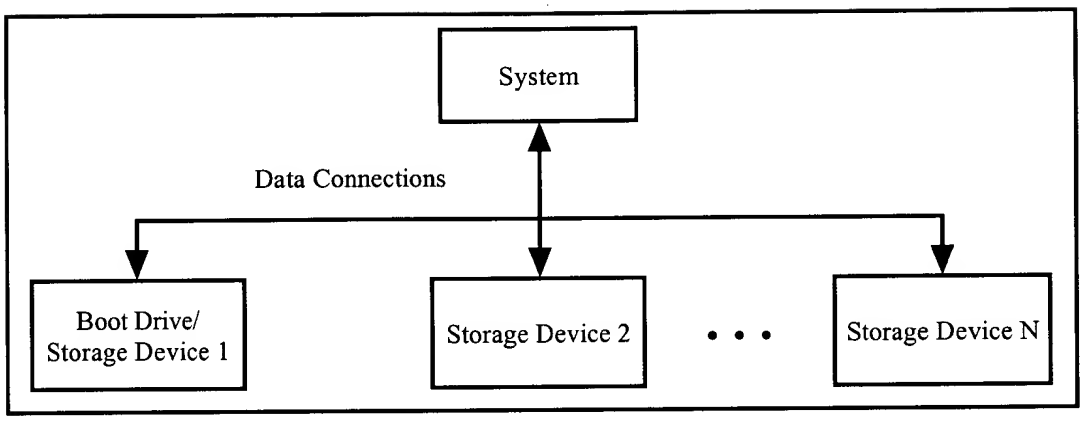

Figure 1A: Computer Data Storage Architecture (Prior Art)

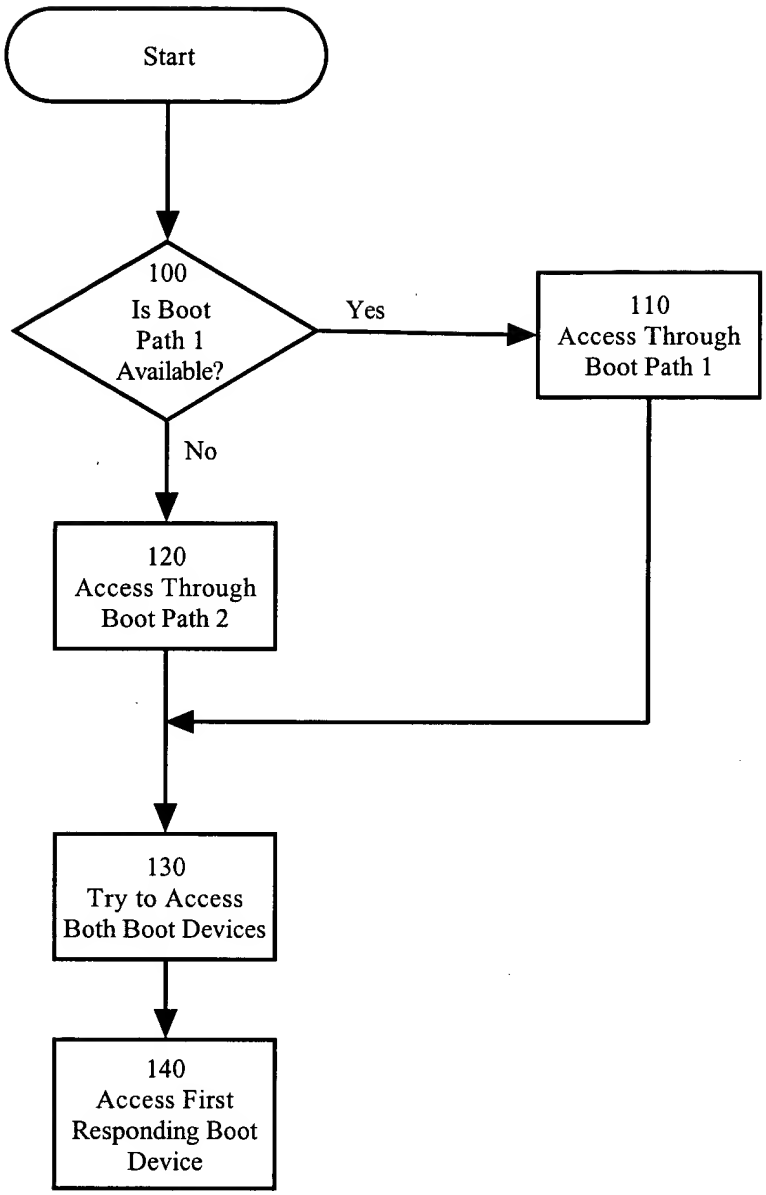

Figure 1B: Invention Data Access Process

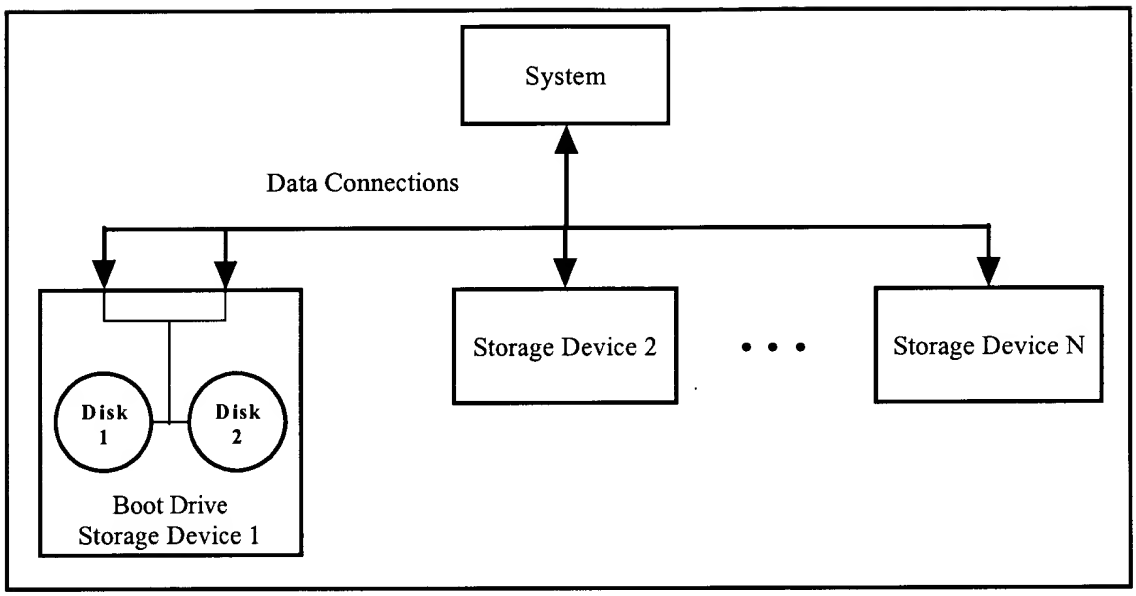

Figure 2: Computer Data Storage Architecture

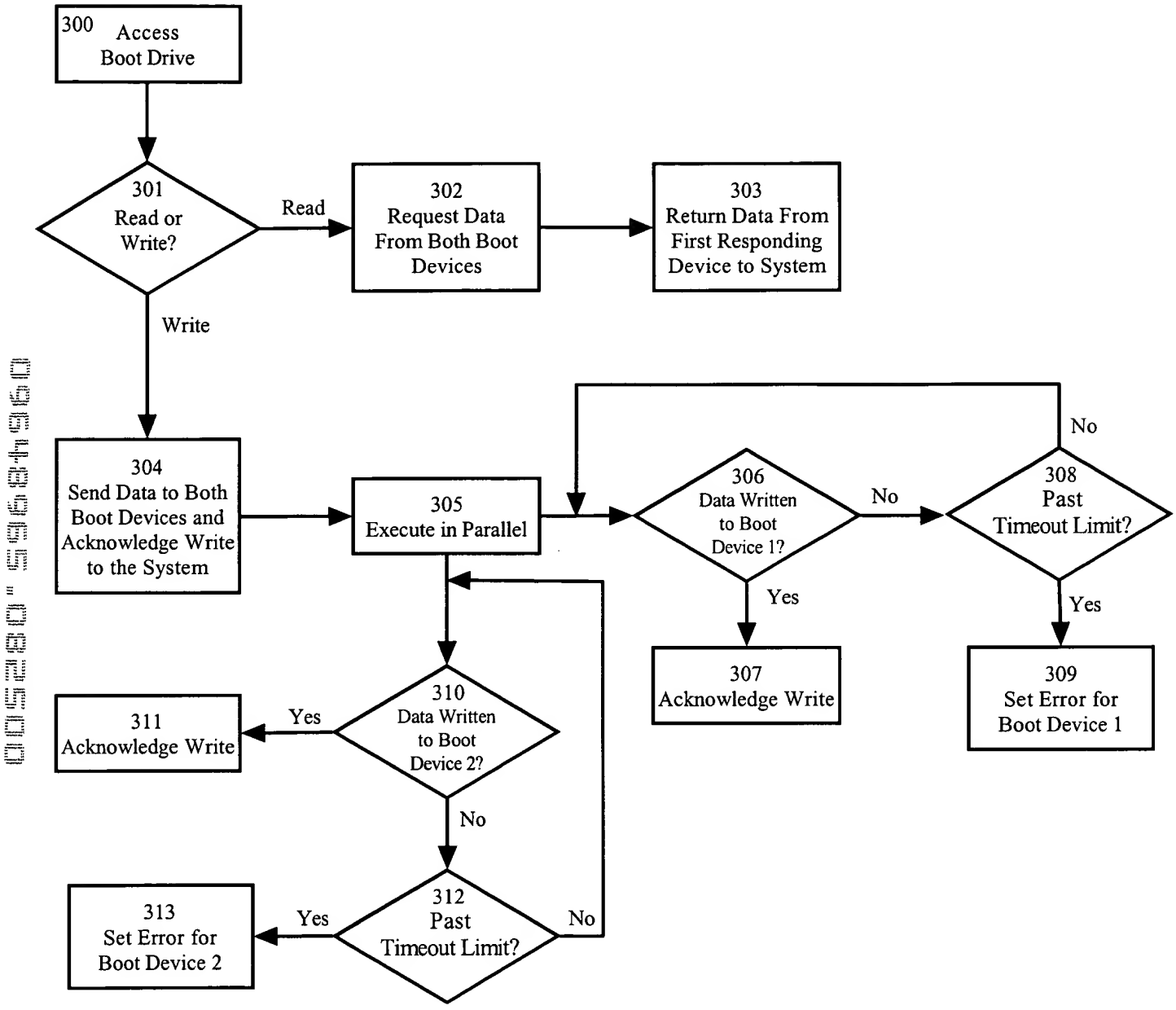

Figure 3: Invention Function When Accessing Data

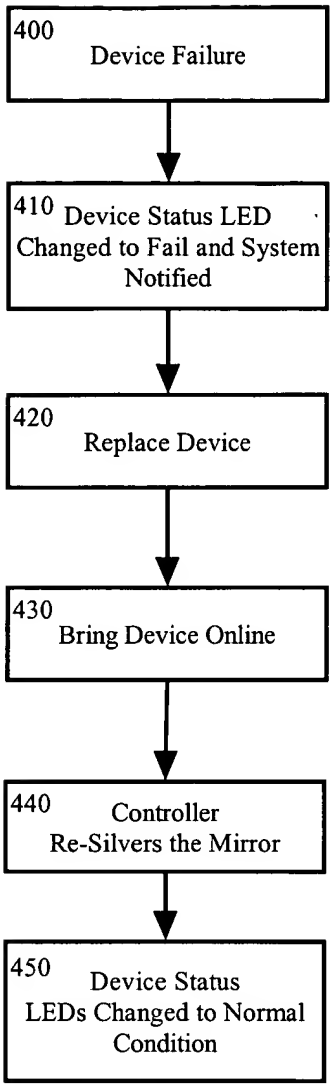

Figure 4: Invention Recovery from Failed Disk

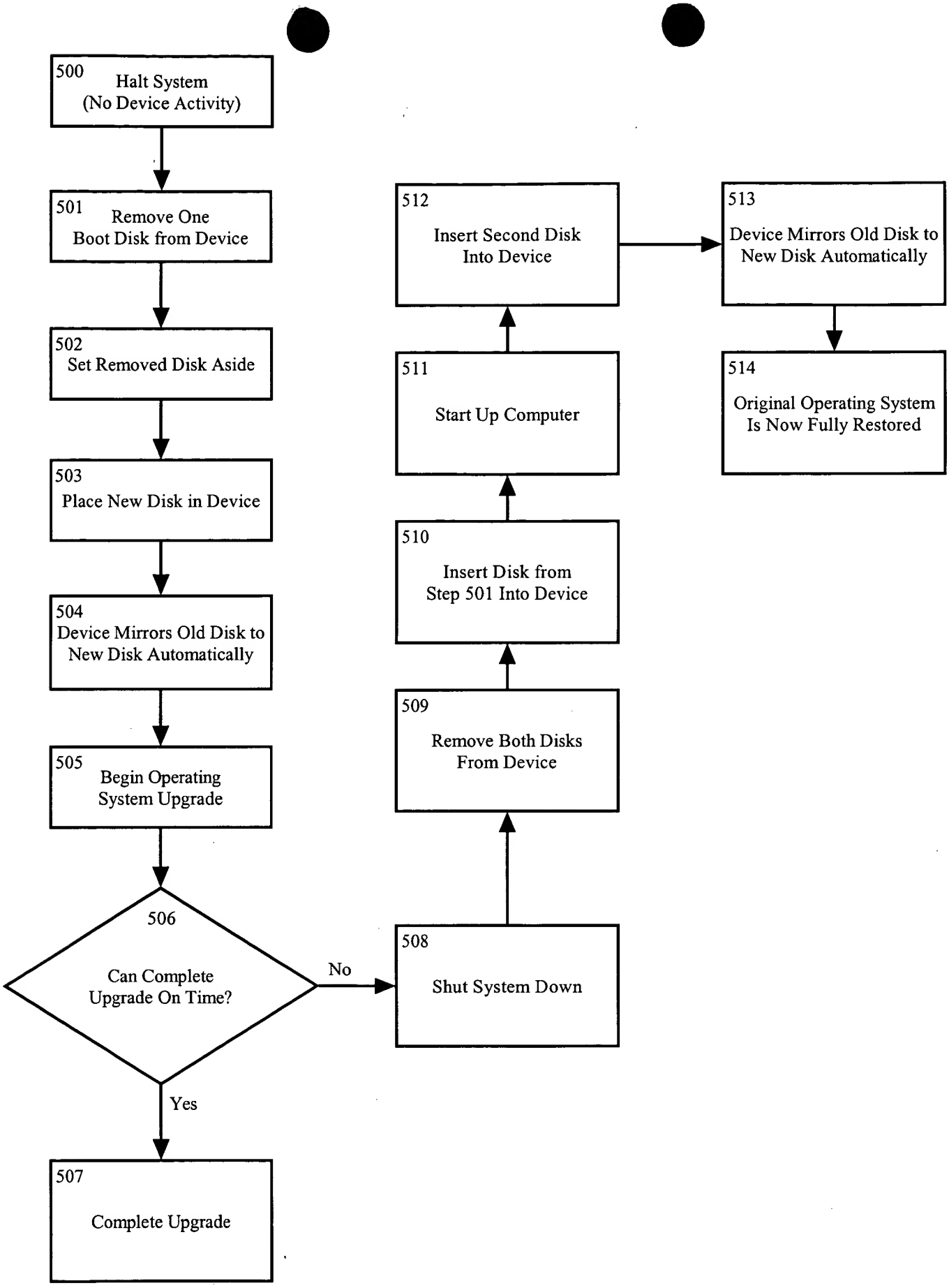

Figure 5: Procedure for Operating System Upgrade With Invention

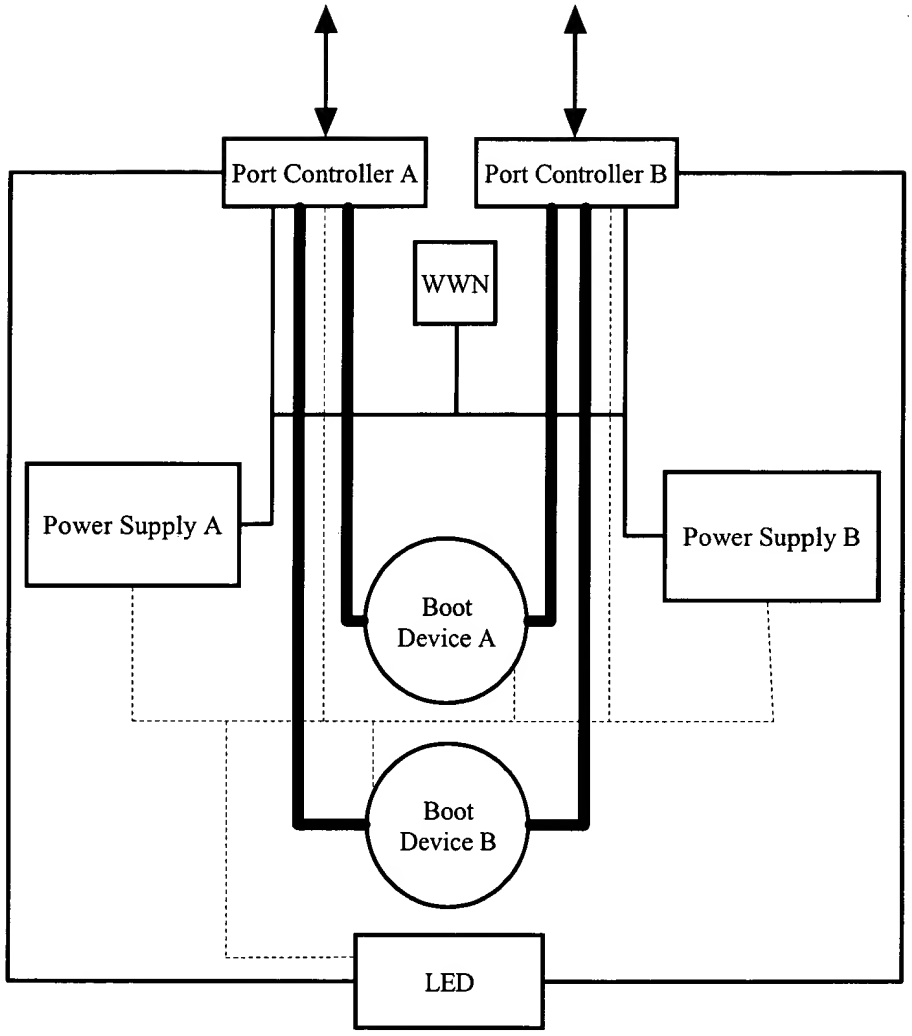

Figure 6: One Embodiment of the Present Invention

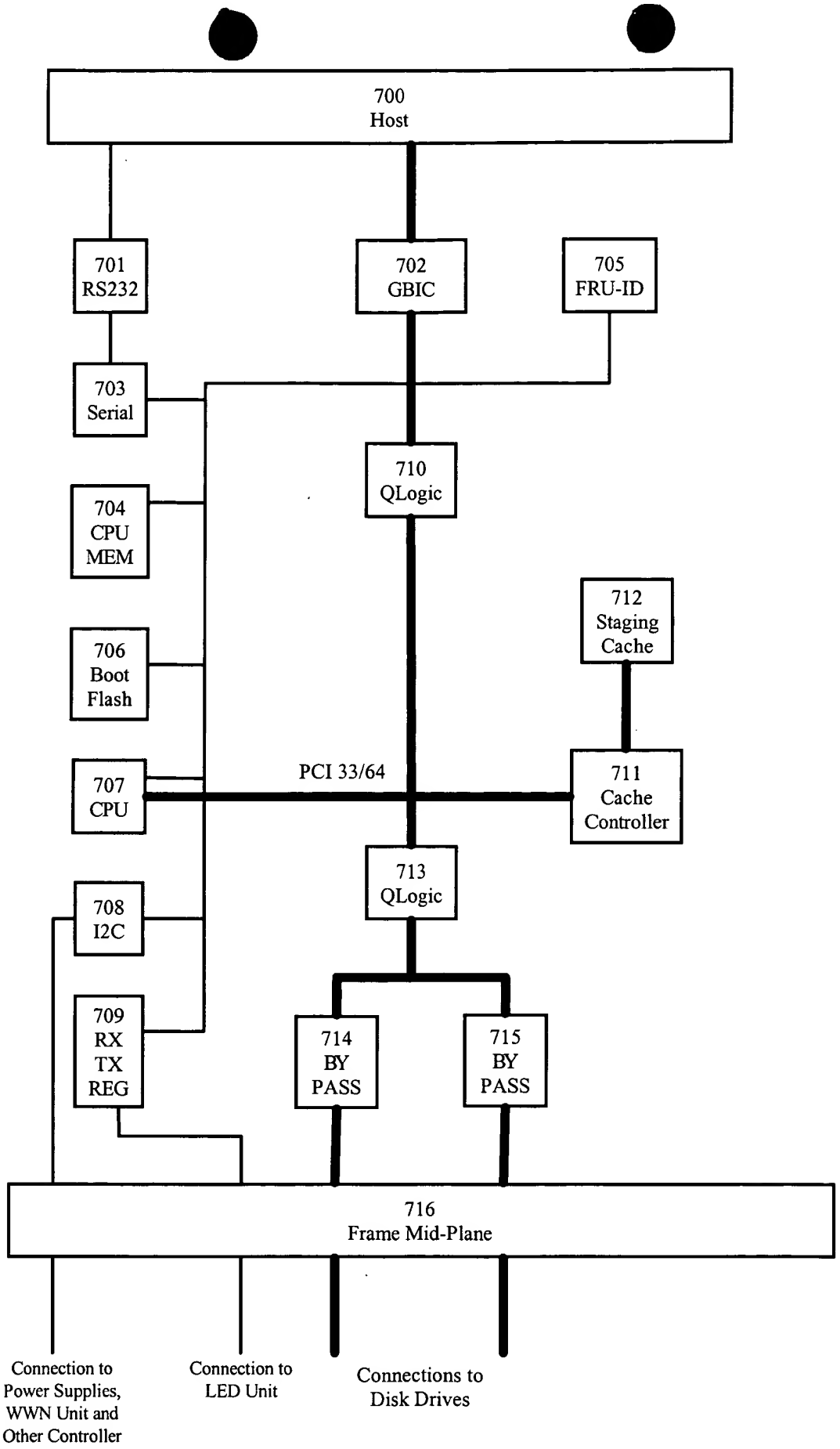

Figure 7: One Embodiment of a Port Controller